

SEQUENCE LISTING

<110> Edward G. Kirby
 Francisco Canovas Ramos
 Fernando Gallardo Alba

<120> Transgenic Poplar Trees Comprising
 Glutamine Synthetase From Pine Having Improved Nitrogen
 Metabolism and Methods of Making and Using the Same

<130> RUT98-0046

<140> 09/763,005

<141> 2001-04-20

<150> PCT/US99/18267

<151> 1999-08-11

<150> 60/096,032

<151> 1998-08-11

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<212> DNA

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<213> Pinus sylvestris

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<213> Pinus sylvestris

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Lys Glu Leu Pro Lys Trp Asn Tyr Asp Gly Ser Ser Thr Gly Gln Ala
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Gln Gly His Asp Ser Glu Val Ile Leu Tyr Pro Gln Ala Ile Phe Arg
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Gly Trp Pro Ile Gly Gly Tyr Pro Gly Pro Gln Gly Pro Tyr Tyr Cys
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Glu Val Met Pro Gly Gln Trp Glu Phe Gln Val Gly Pro Ser Val Gly
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